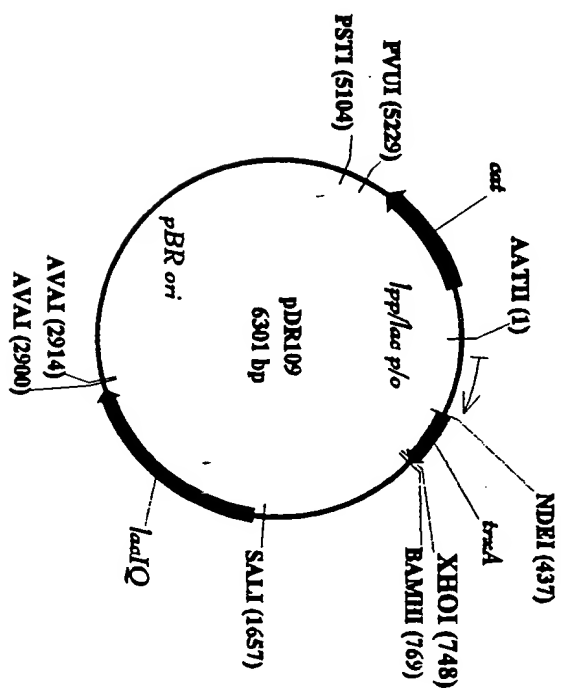
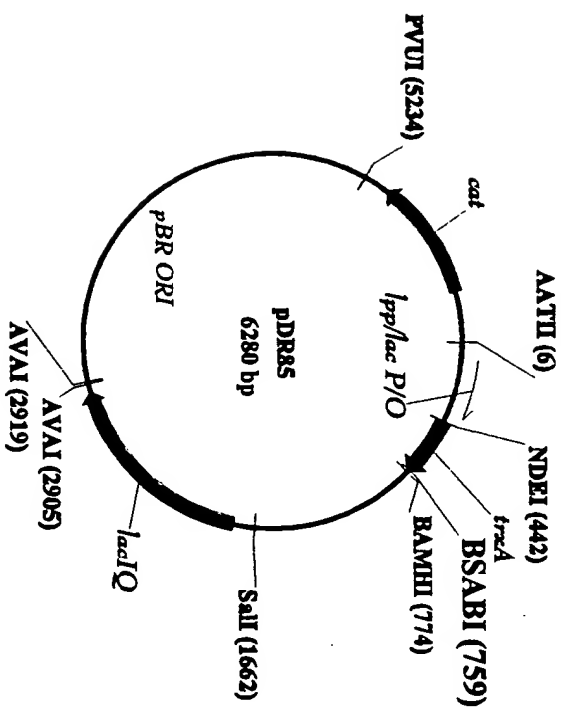


Figure 3



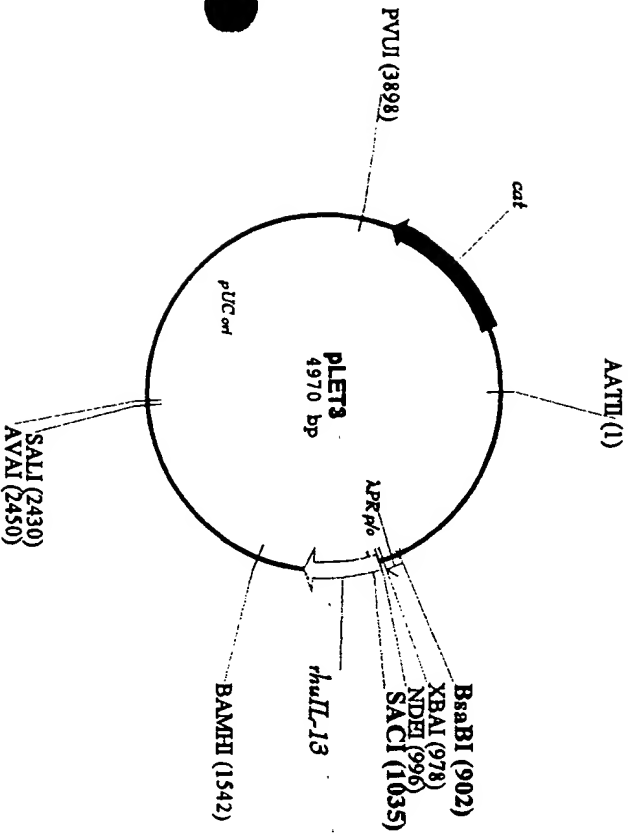
IN THE CONSTRUCTION OF PDR109 THE trxA GENE WAS ALTERED TO REPLACE THE BSABI SITE WITH A UNIQUE XHOI RESTRICTION SITE FOR EASY SUBCLONING OF A DOWNSTREAM RECOMBINANT GENE.

Seq ID NO: 11 Leu Asp Ala Asn Leu Ala ***
 Seq ID NO: 12 CTC GAT GCT AAT CTG GCG TAA
 Seq ID NO: 13 CTC GAG GCT AAT CTG GCG TAA
 Seq ID NO: 14 Leu Glu Ala Asn Leu Ala ***

pDR85 Sequence
 pDR109 Sequence

Figure 5

(delete)



BsaBI-SacI oligo sequence	GGTCTGTGCTCTGCT	GATGACGATGACAAG
trxA sequence	glyserglysergly	aspaaspaasplys
linker region	cleavage	
GGTCC TGTCCCGCCG TCCGCTCTGC GTGAGCTC		
rhuIL-13 sequence		

Synthesize both DNA strands of the BsaBI-SacI oligo
Digest pLET3 with BsaBI-SacI

Ligate pLET3 and the Oligo

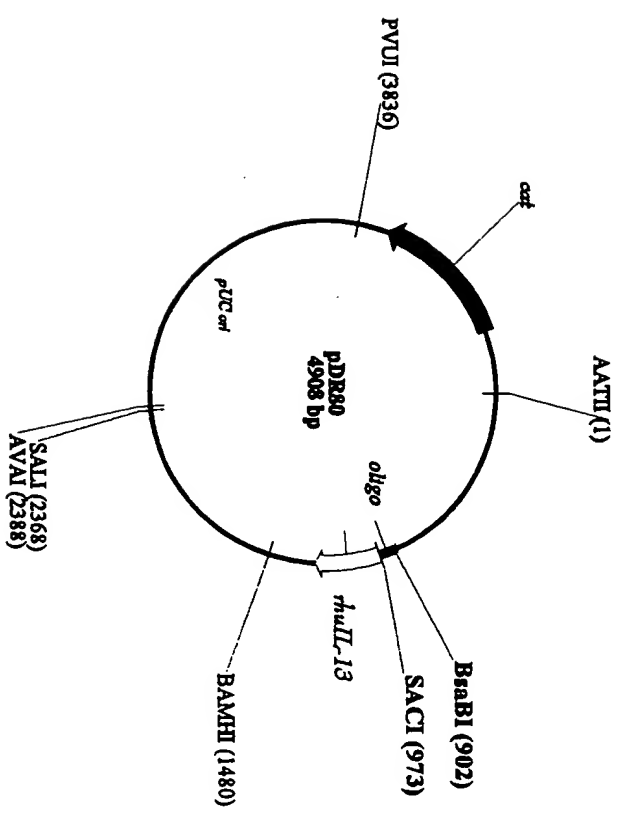
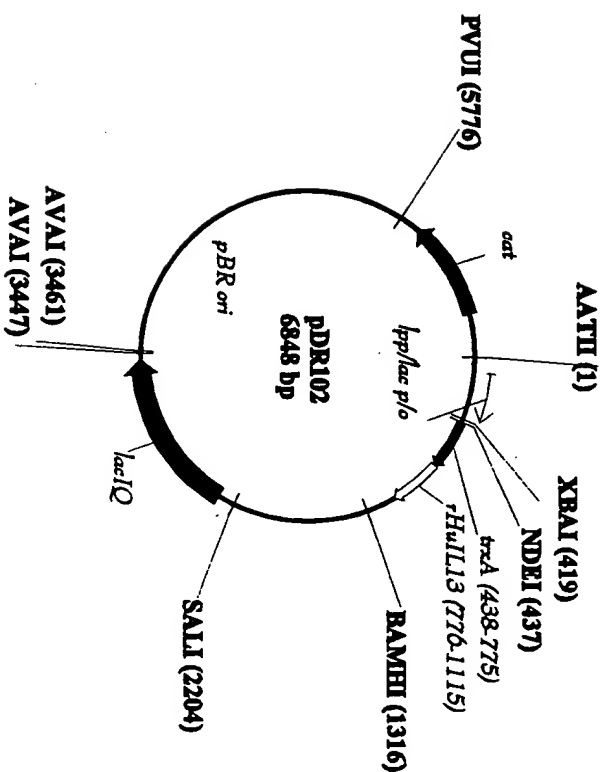
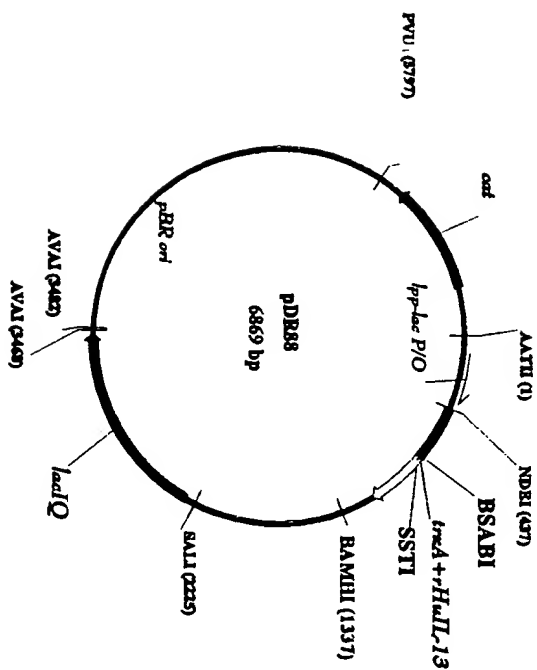


Figure 6

SYNTHESIZE A DOUBLE STRANDED OLIGO
WITH BSAB/STI RESTRICTION SITES

LIGATE INTO BSAB/STI DIGESTED PDR88



R.B.S.
GCC AAG GAG GCT GAT TAAATG GGT CGG GTT CCG CCG TCT ACC GCT CTG CGT GAG CTC
stop trxA rhail-13 SstI

(delete)